

Figures 6A and 6B are diagrams showing a sixth embodiment of the electron-emitting element according to the present invention.

Figures 7A and 7B are diagrams for explaining the operation of the electron-emitting element according to the present invention.

Figures 8A and 8B are diagrams for explaining the operation of the other electron-emitting element according to the present invention.

Figure 9 is a diagram showing an embodiment of the FED according to the present invention.

Figure 10 is a diagram showing the relation between the relative dielectric constant of the electron-emitting element according to the present invention and the applied voltage to the electron-emitting element.

Figure 11 is a diagram for explaining Figure 10.

Figure 12 is a diagram showing the relation between the slit width of the electron-emitting element according to the present invention and an applied voltage to the electron-emitting element.

Figures 13A and 13B are diagrams showing a seventh embodiment of the electron-emitting element according to the present invention.

Figures 14A and 14B are diagrams for explaining the operation of the electron-emitting element of Figures 13A and 13B.

Figures 15A and 15B are diagrams showing an eighth embodiment of the electron-emitting element according to the present invention.

Figures 16A and 16B are diagrams for explaining the operation of the electron-emitting element of Figures 15A and 15B.

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